



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 12311620
SAU: MSAD 37
School: Milbridge Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

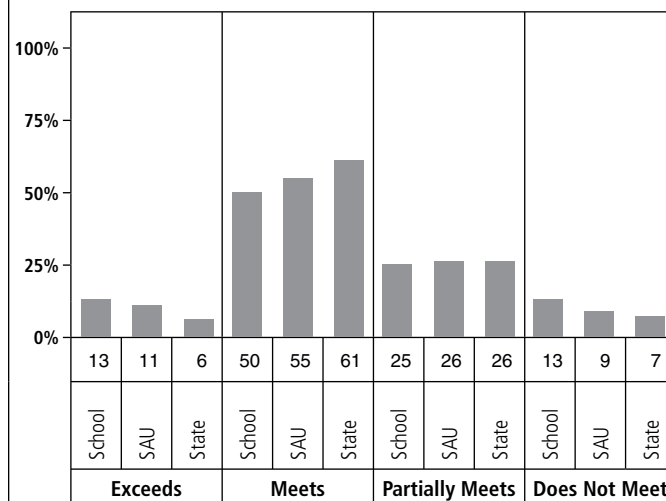
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

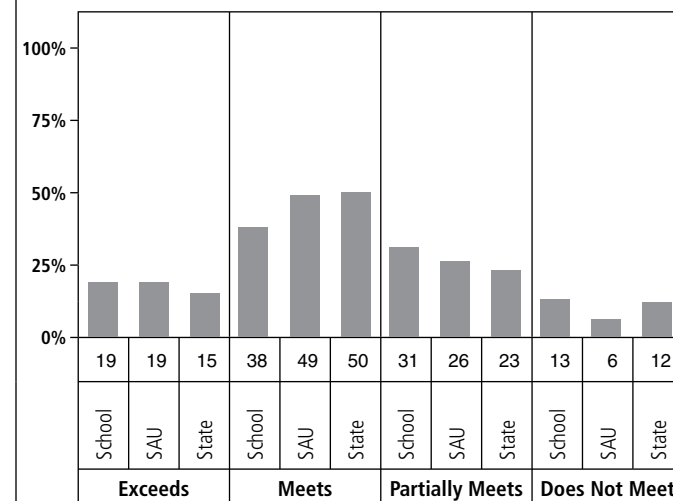
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	539 543 545 543	546 546 547 546	544 545 546 545
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	557 542 547 548	551 544 549 548	546 546 547 546
Science 2008–2009**	548	548	543

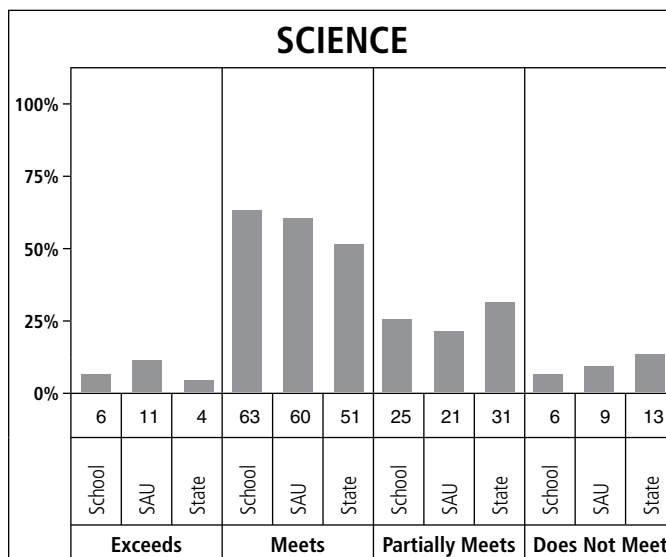
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total number of students	16	100	47	100	14212	100	16	100	47	100	14135	100	16	100	47	100	14144	100	16	100	47	100	14137	100
Ethnicity African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	2	13	2	4	175	1	2	100	2	100	172	99	2	100	2	100	172	99	2	100	2	100	173	99
Caucasian/White	14	88	45	96	13271	93	14	100	45	100	13212	100	14	100	45	100	13211	100	14	100	45	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	2	13	7	15	2479	17	2	100	7	100	2454	100	2	100	7	100	2455	100	2	100	7	100	2451	99
Current LEP	2	13	2	4	374	3	2	100	2	100	359	96	2	100	2	100	370	99	2	100	2	100	366	98
Economically disadvantaged	9	56	27	57	5848	41	9	100	27	100	5815	100	9	100	27	100	5819	100	9	100	27	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	14	88	41	87	10849	76	14	88	41	87	10872	76	14	88	41	87	10976	77
Identified disability (PET/IEP)	0	0	3	7	298	3	0	0	3	7	307	3	0	0	3	7	338	3
LEP	2	14	2	5	170	2	2	14	2	5	169	2	2	14	2	5	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	2	13	6	13	3122	22	2	13	6	13	3124	22	2	13	6	13	3019	21
Identified disability (PET/IEP)	2	100	4	67	1992	64	2	100	4	67	2000	64	2	100	4	67	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	0	0	2	33	907	29	0	0	2	33	886	28	0	0	2	33	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	1	10	4	7	702	5
	2007-2008	0	0	4	6	659	5
	2008-2009	2	13	5	11	836	6
	Cum. Total*	3	8	13	8	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	2	20	29	54	7730	55
	2007-2008	6	46	40	61	8195	58
	2008-2009	8	50	26	55	8495	61
	Cum. Total*	16	41	95	57	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	4	40	16	30	4182	30
	2007-2008	6	46	20	30	3800	27
	2008-2009	4	25	12	26	3667	26
	Cum. Total*	14	36	48	29	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	3	30	5	9	1419	10
	2007-2008	1	8	2	3	1362	10
	2008-2009	2	13	4	9	973	7
	Cum. Total*	6	15	11	7	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	30.2	62.9	31.2	65.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	15.1	62.9	15.4	64.2	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.1	62.9	15.7	65.4	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	16	2	13	8	50	4	25	2	13	545	47	11	55	26	9	547	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	2										2						166	4	54	32	10	543
Caucasian/White	14	1	7	8	57	4	29	1	7	545	45	9	58	27	7	547	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	2										7	0	29	43	29	539	2290	0	29	47	23	537
No	14	2	14	8	57	3	21	1	7	547	40	13	60	23	5	548	11681	7	67	22	4	548
Current LEP																						
Yes	2										2						354	1	35	34	30	538
No	14	1	7	8	57	4	29	1	7	545	45	9	58	27	7	547	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	9	1	11	4	44	3	33	1	11	544	27	11	56	30	4	548	5716	2	51	35	12	542
No	7	1	14	4	57	1	14	1	14	547	20	10	55	20	15	545	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	16	2	13	8	50	4	25	2	13	545	47	11	55	26	9	547	13963	6	61	26	7	546
Gender																						
Female	8	2	25	4	50	1	13	1	13	548	23	17	48	26	9	547	6882	8	62	24	6	547
Male	8	0	0	4	50	3	38	1	13	542	24	4	63	25	8	547	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	5	0	0	3	60	2	40	0	0	543	19	0	53	37	11	542	1914	1	41	44	14	540
No	11	2	18	5	45	2	18	2	18	546	28	18	57	18	7	550	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	16	2	13	8	50	4	25	2	13	545	47	11	55	26	9	547	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	1	100	0	0	0	0	544	13	0	67	17	17	545	4	2	40	34	24	540
B. less than one hour	60	2	22	5	56	2	22	0	0	550	52	17	63	21	0	550	70	6	63	26	6	546
C. one to two hours	20	0	0	2	67	1	33	0	0	543	30	7	50	36	7	545	24	7	61	26	6	546
D. more than two hours	13	0	0	0	0	1	50	1	50	535	4	0	0	50	50	535	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	20	0	0	0	0	2	67	1	33	537	20	0	56	33	11	544	36	10	67	18	5	549
B. good	60	2	22	6	67	1	11	0	0	551	65	13	63	23	0	550	47	5	62	27	6	546
C. fair	20	0	0	2	67	1	33	0	0	543	15	14	29	29	29	541	15	2	47	40	12	541
D. poor	0										0						2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	27	2	50	2	50	0	0	0	0	558	22	30	70	0	0	557	31	9	65	20	5	548
B. They match some of what I have learned.	60	0	0	5	56	4	44	0	0	543	64	3	52	38	7	544	55	5	63	27	5	546
C. They match just a little of what I have learned.	7	0	0	0	0	0	0	1	100	530	11	20	40	20	20	546	10	3	45	38	14	542
D. There is no match.	7	0	0	1	100	0	0	0	0	546	2	0	100	0	0	546	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	27	0	0	1	25	2	50	1	25	540	20	11	33	44	11	544	16	3	49	32	15	542
B. about the same as my regular schoolwork	60	1	11	6	67	2	22	0	0	548	51	9	65	22	4	547	64	7	63	25	5	547
C. easier than my regular schoolwork	13	1	50	1	50	0	0	0	0	555	29	15	62	15	8	550	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	14	0	0	1	50	1	50	0	0	547	18	13	63	25	0	551	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	57	1	13	5	63	2	25	0	0	547	49	5	59	27	9	545	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	29	1	25	2	50	1	25	0	0	549	33	20	53	27	0	551	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	27	1	25	3	75	0	0	0	0	550	28	23	69	8	0	552	20	10	64	21	5	548
B. 20 minutes to an hour	27	1	25	1	25	1	25	1	25	545	20	11	44	22	22	546	56	7	65	24	5	547
C. less than 20 minutes	13	0	0	1	50	1	50	0	0	547	11	0	40	60	0	544	10	3	52	33	12	543
D. I rarely read at home.	33	0	0	3	60	2	40	0	0	544	41	5	58	32	5	546	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	20	0	0	2	67	1	33	0	0	543	20	0	56	33	11	542	25	3	53	33	11	543
B. six to ten pages	40	2	33	2	33	1	17	1	17	549	52	21	50	25	4	550	26	6	61	26	7	546
C. eleven or more pages	40	0	0	4	67	2	33	0	0	546	28	0	69	23	8	547	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	0	0	1	100	530	100	0	0	0	100	530						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	4	40	10	19	1711	12
	2007-2008	1	8	3	5	1617	12
	2008-2009	3	19	9	19	2119	15
	Cum. Total*	8	21	22	13	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	4	40	34	63	6778	48
	2007-2008	7	54	36	55	7284	52
	2008-2009	6	38	23	49	7046	50
	Cum. Total*	17	44	93	56	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	2	20	8	15	3884	28
	2007-2008	1	8	21	32	3341	24
	2008-2009	5	31	12	26	3193	23
	Cum. Total*	8	21	41	25	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	0	0	2	4	1683	12
	2007-2008	4	31	6	9	1778	13
	2008-2009	2	13	3	6	1638	12
	Cum. Total*	6	15	11	7	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	25.9	54.0	27.0	56.3	25.5	53.1
A. Number	18	38	10.2	56.7	10.4	57.8	9.8	54.4
B. Data	10	21	5.4	54.0	5.3	53.0	5.2	52.0
C. Geometry	10	21	4.8	48.0	5.3	53.0	4.7	47.0
D. Algebra	10	21	5.6	56.0	6.1	61.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 37
 School: Milbridge Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	16	3	19	6	38	5	31	2	13	547	47	19	49	26	6	549	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	2										2						166	9	43	31	17	543
Caucasian/White	14	3	21	5	36	4	29	2	14	548	45	20	49	24	7	549	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	2										7	0	14	57	29	537	2307	3	32	32	33	536
No	14	3	21	6	43	4	29	1	7	550	40	23	55	20	3	552	11689	17	54	21	8	549
Current LEP																						
Yes	2										2						365	5	33	30	32	536
No	14	3	21	5	36	4	29	2	14	548	45	20	49	24	7	549	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	9	2	22	3	33	3	33	1	11	548	27	19	56	19	7	550	5731	7	46	29	18	542
No	7	1	14	3	43	2	29	1	14	547	20	20	40	35	5	548	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	16	3	19	6	38	5	31	2	13	547	47	19	49	26	6	549	13988	15	50	23	12	547
Gender																						
Female	8	2	25	4	50	1	13	1	13	551	23	22	48	26	4	550	6889	14	51	23	12	546
Male	8	1	13	2	25	4	50	1	13	544	24	17	50	25	8	549	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	5	0	0	2	40	2	40	1	20	539	19	0	53	42	5	543	1918	3	39	36	22	539
No	11	3	27	4	36	3	27	1	9	551	28	32	46	14	7	554	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	16	3	19	6	38	5	31	2	13	547	47	19	49	26	6	549	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	1	100	0	0	0	0	0	0	562	13	33	33	17	17	549	4	8	38	26	28	539
B. less than one hour	60	2	22	5	56	1	11	1	11	552	52	25	54	17	4	553	70	15	52	23	10	547
C. one to two hours	20	0	0	1	33	2	67	0	0	541	30	7	57	36	0	546	24	15	51	23	11	547
D. more than two hours	13	0	0	0	0	1	50	1	50	532	4	0	0	50	50	532	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	7	1	100	0	0	0	0	0	0	572	26	17	75	0	8	552	34	28	50	14	8	552
B. good	60	2	22	5	56	2	22	0	0	553	57	27	46	27	0	552	45	11	54	24	10	546
C. fair	33	0	0	1	20	2	40	2	40	534	17	0	25	50	25	538	18	3	45	33	19	540
D. poor	0										0						3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	47	2	29	4	57	1	14	0	0	555	48	27	59	14	0	555	38	22	52	19	7	550
B. They match some of what I have learned.	47	1	14	2	29	2	29	2	29	543	46	14	48	24	14	546	48	12	53	24	11	546
C. They match just a little of what I have learned.	0										4	0	0	100	0	537	11	6	40	30	24	540
D. There is no match.	7	0	0	0	0	1	100	0	0	532	2	0	0	100	0	532	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	7	0	0	0	0	1	100	0	0	532	7	33	0	67	0	546	17	7	42	30	21	540
B. about the same as my regular schoolwork	73	3	27	4	36	3	27	1	9	550	70	19	53	25	3	550	64	15	53	23	10	547
C. easier than my regular schoolwork	20	0	0	2	67	0	0	1	33	546	24	18	55	9	18	548	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										2	0	100	0	0	548	7	6	39	27	27	539
B. 30–45 minutes	40	1	17	1	17	3	50	1	17	541	57	23	42	31	4	550	28	9	49	28	15	544
C. 45–60 minutes	13	0	0	1	50	1	50	0	0	544	17	13	50	25	13	546	41	17	53	21	9	548
D. more than 60 minutes	47	2	29	4	57	0	0	1	14	555	24	18	64	9	9	552	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	7	0	0	0	0	0	0	1	100	526	2	0	0	0	100	526	6	14	43	24	20	543
B. two or three days a week	7	0	0	1	100	0	0	0	0	550	11	0	80	20	0	548	24	17	52	21	10	548
C. two or three times each month	7	0	0	1	100	0	0	0	0	552	15	29	43	29	0	551	33	17	52	21	9	548
D. never or almost never	80	3	25	4	33	4	33	1	8	549	72	21	48	24	6	550	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	0										9	0	75	25	0	552	23	13	47	26	15	545
B. two or three days a week	7	0	0	1	100	0	0	0	0	550	13	0	83	0	17	547	31	17	52	21	10	548
C. two or three times each month	40	0	0	4	67	2	33	0	0	548	30	0	57	43	0	546	27	17	52	21	10	548
D. never or almost never	53	3	38	1	13	2	25	2	25	548	48	41	32	18	9	552	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	0	0	1	100	526	100	0	0	0	100	526						
C.	0										0											
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	1	6	5	11	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	10	63	28	60	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	4	25	10	21	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	1	6	4	9	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	31.8	66.3	32.0	66.7	29.2	60.8
D. The Physical Setting	24	50	13.8	57.5	13.9	57.9	12.9	53.8
E. The Living Environment	24	50	18.0	75.0	18.1	75.4	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 37
 School: Milbridge Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	16	1	6	10	63	4	25	1	6	548	47	11	60	21	9	548	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	2										2						167	1	40	37	22	539
Caucasian/White	14	1	7	9	64	4	29	0	0	550	45	11	60	22	7	549	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	2										7	14	43	29	14	544	2309	2	29	39	29	536
No	14	1	7	9	64	3	21	1	7	549	40	10	63	20	8	549	11686	5	56	30	10	545
Current LEP																						
Yes	2										2						361	1	23	32	44	533
No	14	1	7	9	64	4	29	0	0	550	45	11	60	22	7	549	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	9	0	0	5	56	3	33	1	11	544	27	7	67	22	4	549	5729	2	42	37	20	539
No	7	1	14	5	71	1	14	0	0	553	20	15	50	20	15	548	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	16	1	6	10	63	4	25	1	6	548	47	11	60	21	9	548	13987	4	51	31	13	543
Gender																						
Female	8	1	13	5	63	2	25	0	0	551	23	13	43	35	9	547	6886	4	49	33	14	542
Male	8	0	0	5	63	2	25	1	13	545	24	8	75	8	8	550	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	5	0	0	3	60	2	40	0	0	549	19	0	47	37	16	542	1917	1	31	41	28	536
No	11	1	9	7	64	2	18	1	9	547	28	18	68	11	4	553	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	16	1	6	10	63	4	25	1	6	548	47	11	60	21	9	548	13545	4	51	32	13	543

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 37
School: Milbridge Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	0	0	1	100	0	0	0	0	558	13	17	67	0	17	551	4	2	37	35	25	538
B. less than one hour	60	1	11	6	67	2	22	0	0	551	52	13	63	21	4	550	70	4	53	31	12	544
C. one to two hours	20	0	0	2	67	1	33	0	0	549	30	7	57	29	7	548	24	5	51	31	12	544
D. more than two hours	13	0	0	1	50	1	50	0	0	543	4	0	50	50	0	543	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	13	0	0	2	100	0	0	0	0	552	33	20	60	13	7	551	26	7	56	26	11	545
B. good	87	1	8	8	62	4	31	0	0	550	61	7	68	25	0	550	53	4	53	31	11	544
C. fair	0										7	0	0	33	67	528	18	2	41	39	17	540
D. poor	0										0						3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	27	0	0	3	75	1	25	0	0	551	35	19	56	19	6	552	23	5	56	28	11	544
B. They match some of what I have learned.	67	1	10	6	60	3	30	0	0	549	54	8	60	24	8	547	48	5	52	31	12	544
C. They match just a little of what I have learned.	7	0	0	1	100	0	0	0	0	556	11	0	80	20	0	550	23	4	49	33	14	543
D. There is no match.	0										0						6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	21	0	0	2	67	1	33	0	0	549	22	10	40	30	20	544	23	5	48	31	16	543
B. about the same as my regular schoolwork	64	1	11	6	67	2	22	0	0	551	64	14	62	21	3	550	58	4	52	32	12	543
C. easier than my regular schoolwork	14	0	0	2	100	0	0	0	0	556	13	0	100	0	0	553	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	0										24	18	55	18	9	550	33	5	51	31	14	543
B. a few times a week	80	1	8	9	75	2	17	0	0	552	63	10	72	17	0	552	45	4	52	32	11	544
C. once a week	0										4	0	0	50	50	527	8	4	50	30	16	542
D. a few times a month	20	0	0	1	33	2	67	0	0	542	9	0	25	50	25	538	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	60	0	0	7	78	2	22	0	0	550	50	9	70	13	9	550	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	13	0	0	1	50	1	50	0	0	548	17	0	38	50	13	540	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	20	1	33	1	33	1	33	0	0	554	24	27	45	27	0	555	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	7	0	0	1	100	0	0	0	0	544	9	0	100	0	0	550	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	21	0	0	2	67	1	33	0	0	545	33	13	47	27	13	546	47	4	51	32	12	543
B. a few times a month	43	1	17	4	67	1	17	0	0	554	24	9	64	18	9	550	27	5	54	30	11	544
C. once a month	14	0	0	1	50	1	50	0	0	547	9	0	75	25	0	551	10	5	49	30	15	543
D. never or almost never	21	0	0	3	100	0	0	0	0	553	33	13	73	13	0	552	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	21	0	0	2	67	1	33	0	0	545	42	11	53	26	11	547	46	4	52	32	12	543
B. a few times a month	36	1	20	3	60	1	20	0	0	555	18	13	63	25	0	550	28	5	53	30	12	544
C. once a month	7	0	0	0	0	1	100	0	0	536	11	0	80	20	0	554	11	4	47	34	15	542
D. never or almost never	36	0	0	5	100	0	0	0	0	553	29	15	69	8	8	551	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	100	0	0	534	100	0	0	100	0	534						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number